Oppenheimer Wolff & Donnelly LLP Title: TIME-BASED ENCRYPTION KEY Applicant: Khoi N. Hoang Filed: November 28, 2001

1 of 9 Ref. No.: 60595-301301 Sheet

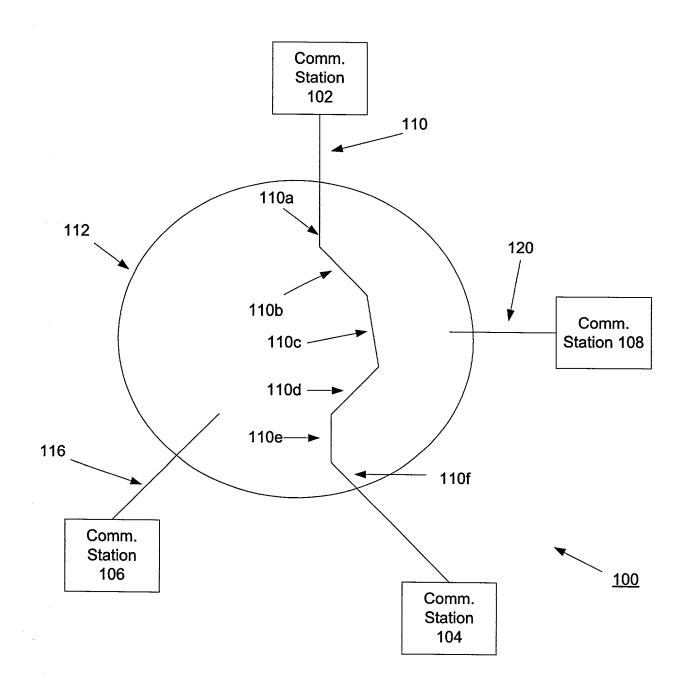
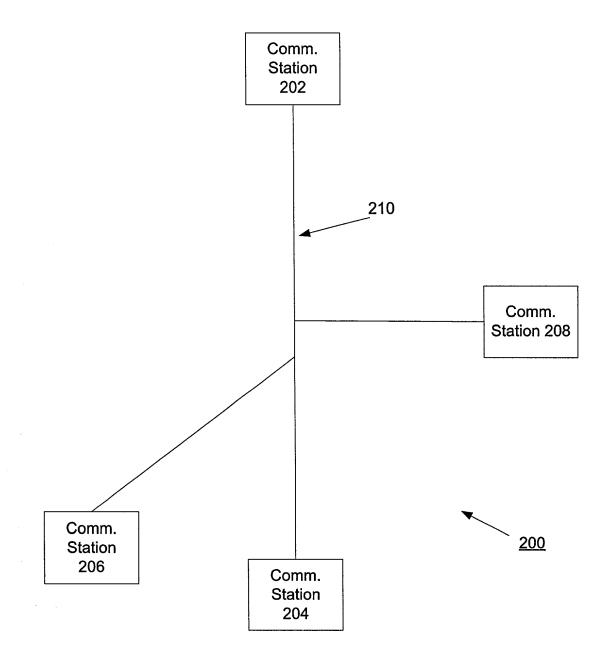


Figure 1 Prior Art

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Figure 2 Prior Art

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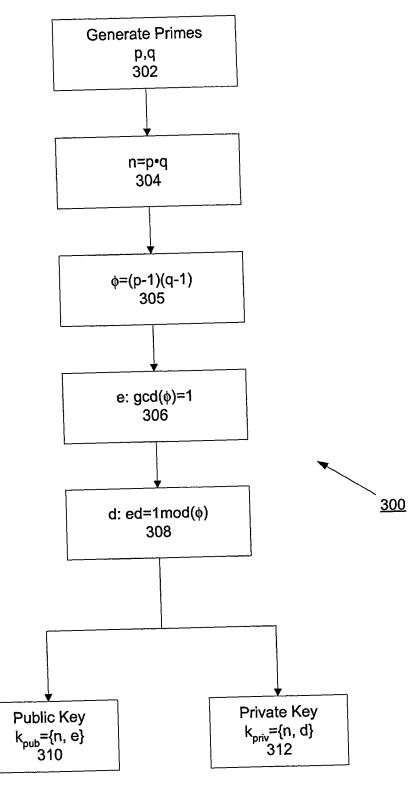


Figure 3 Prior Art

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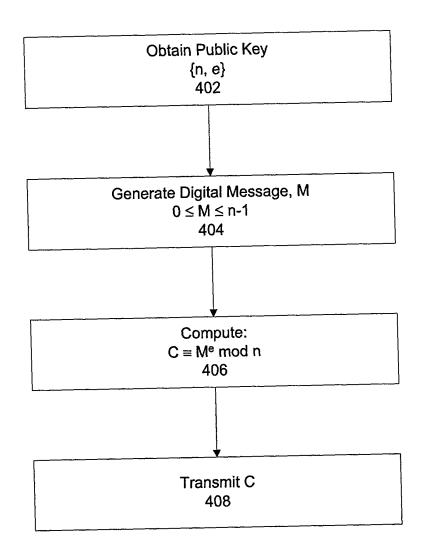


Figure 4 Prior Art

400

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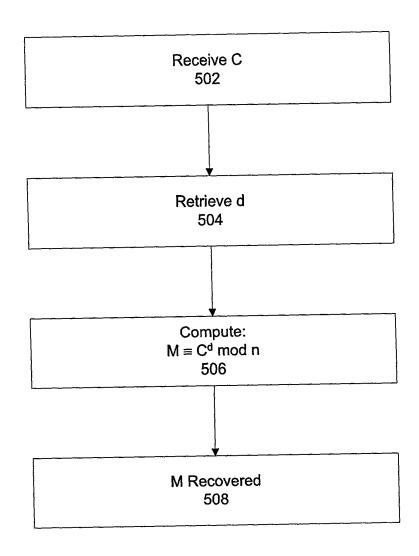


Figure 5 Prior Art

<u>500</u>

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Generate Public Keys:

K_{pub} = [K_{pub1}, k_{pub2}, ..., k_{pubw}]

602

Generate Private Keys:

K_{priv} = [k_{priv1}, k_{priv2}, ..., k_{privw}]

604

Generate Secret Functions:

F = [f₁, f₂, ..., f_y]

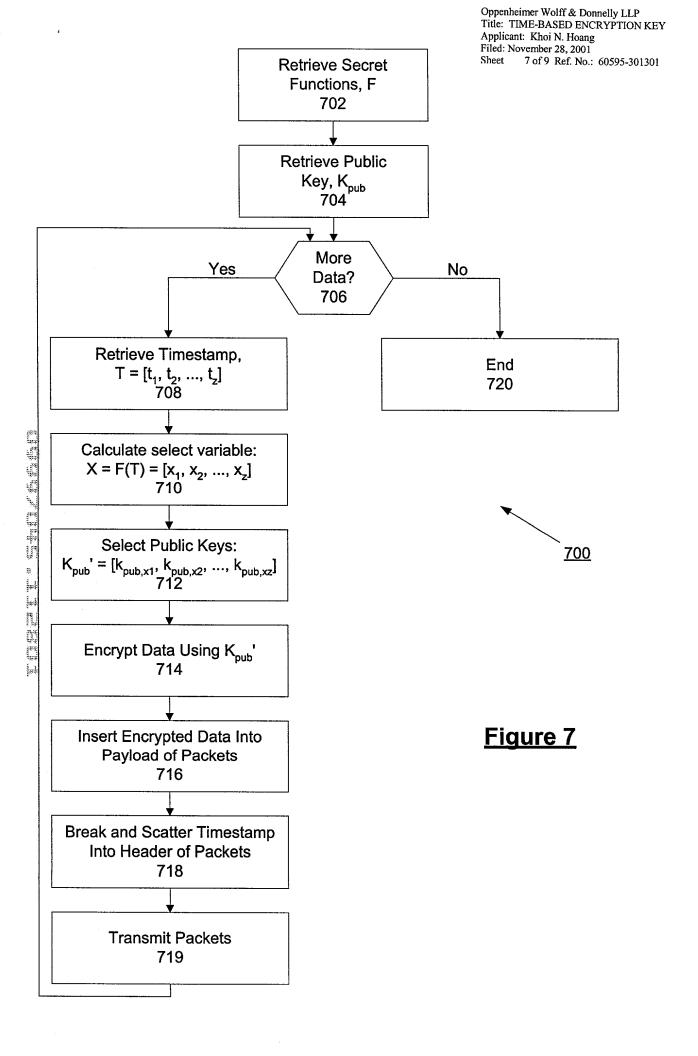
606

Publish Public Keys, K_{pub}

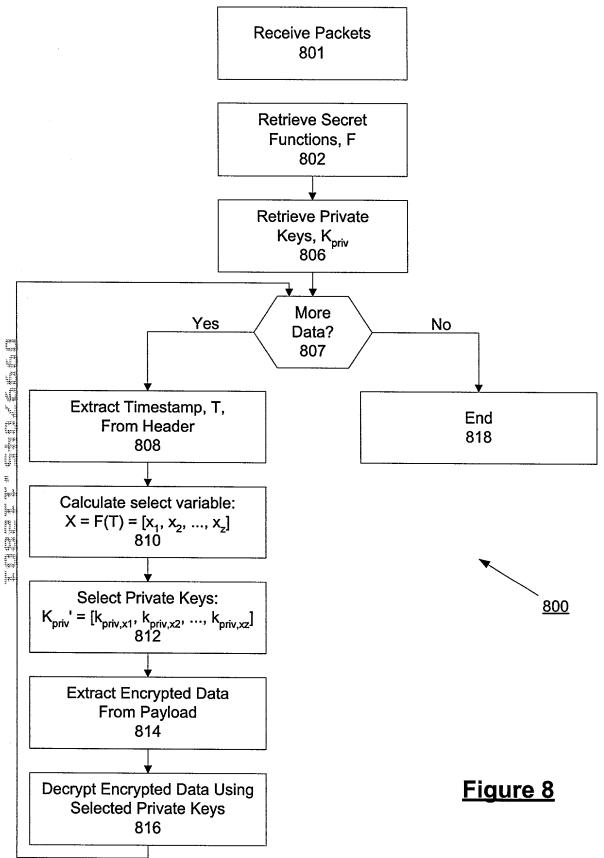
608

Figure 6

600



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Comm. Station 902

Encryption Module 904

Comm. Station 906

Encryption Module 908

Figure 9